Battaglia, Frank

From:

Battaglia, Frank

Sent:

Thursday, July 18, 2019 10:41 AM

To:

Joseph F Guarnaccia; Jeffrey P. Crawford (jeff.crawford@dem.ri.gov) Kitchen, Jonathan; Maher, Tom; Maxwell, Steve; Battaglia, Frank

Cc: Subject:

RE: Emailing: 172-818 BASF Work Plan FINAL_07122019.pdf

Attachments:

172-818 BASF Work Plan FINAL 07122019.pdf

Joe, I just finished reviewing the attached workplan dated July 12, 2019 and EPA is OK with you implementing the three studies described in the workplan.

I do have a question. When will groundwater down-gradient of the treatment points will be analyzed to see if the oxidant has reached all groundwater and is effectively treating groundwater before it discharges to the river and how often will this occur? Thanks in advance for moving forward quickly on implementing this study.

Frank Battaglia

617 918-1362

From: Joseph F Guarnaccia < joseph.guarnaccia@basf.com>

Sent: Friday, July 12, 2019 4:20 PM

To: Battaglia, Frank <battaglia.frank@epa.gov>; Jeffrey P. Crawford (jeff.crawford@dem.ri.gov)

<jeff.crawford@dem.ri.gov>

Cc: Kitchen, Jonathan <jkitchen@cecinc.com>; Maher, Tom <tmaher@cecinc.com>; Maxwell, Steve

<smaxwell@cecinc.com>

Subject: RE: Emailing: 172-818 BASF Work Plan FINAL_07122019.pdf

Frank and Jeff.

Attached please find BASF's WP to generate necessary and sufficient data to verify the efficacy of the proposed ISCO PRB technology and support the in-place design. It also includes a schedule, which shows that much of the system will be installed by September, and owing to its simplicity, it is amenable to adjustment as the performance data starts to flow.

As you have questions and comments, please send them along and we will address them in a timely manner. I will set up a WebEx conference at your convenience, if needed.

Please let us know if you need one or more hard copies.

Regards Joseph Guarnaccia

EHS Remediation Specialist

Mobile: +1-732-762-4743, Fax: +1 732 914-2906, Email: joseph.guarnaccia@basf.com.

Postal Address: BASF Corporation, , 227 Oak Ridge Parkway, 08754 TOMS RIVER, United States



We create chemistry



From: Maxwell, Steve < smaxwell@cecinc.com >

Sent: Friday, July 12, 2019 4:03 PM

To: Joseph F Guarnaccia < joseph.guarnaccia@basf.com >

Cc: Kitchen, Jonathan < ikitchen@cecinc.com >; Maher, Tom < tmaher@cecinc.com >

Subject: Fwd: Emailing: 172-818 BASF Work Plan FINAL_07122019.pdf

Joe

Attached is the plan for transmittal to the regulators

Sent from my iPhone

Begin forwarded message:

From: "Zmudzin, lan" < izmudzin@cecinc.com > To: "Maxwell, Steve" < smaxwell@cecinc.com >

Subject: Emailing: 172-818 BASF Work Plan FINAL_07122019.pdf

Your message is ready to be sent with the following file or link attachments:

172-818 BASF Work Plan FINAL_07122019.pdf

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